

From: 8064986673

To: USPTO

Page: 1/153

Date: 2005/11/28 上午 10:34:17

RECEIVED  
CENTRAL FAX CENTER



NOV 27 2005

**North America  
Intellectual Property Corporation**

P.O. BOX 506, Merrifield, VA 22116, U.S.A.

Voice Mail: 302-729-1562

FAX: 806-498-6673

e-mail:winstonhsu@naipo.com

Customer No.: 27765

**Fax To: PHAM, CHI H**

**Tel.: (571) 272-3179**

**Art Unit: 2656**

**Fax: (571) 273-8300**

**From : Winston Hsu, Registration No. 41,526**

**Serial No.: 10/709,994**

**Attorney Docket No.: ASTP0040USA**

**Subject: Information Disclosure Statement (IDS)**

**Total Pages: 153 pages (including cover page)**

**Winston Hsu 2005/11/27**

**ASTP0040USA0\_D1\_1**

**RECEIVED  
CENTRAL FAX CENTER**

NOV 27 2005

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

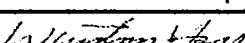
(to be used for all correspondence after initial filing)

|  |   |
|--|---|
| Application Number<br>Filing Date<br>First Named Inventor<br>Art Unit<br>Examiner Name | 10/709,994<br>06/11/2004<br>Sam Shiaw-Shiang Jiang<br>2667<br>PHAM, CHI H |
| Total Number of Pages in This Submission   | 152   |
|  | Attorney Docket Number  |
| ASTP0040USA  |   |

**ENCLOSURES (Check all that apply)**

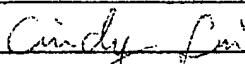
|  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers  | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)               | <input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address | <input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD  |
| <input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request   | Remarks   |  |
| <input checked="" type="checkbox"/> Information Disclosure Statement   |   |  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)  |   |  |
| <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|              |   |          |        |
|--------------|---|----------|--------|
| Firm Name    | North America Intellectual Property Corporation                                     |          |        |
| Signature    |  |          |        |
| Printed name | Winston Hsu   |          |        |
| Date         | 11/27/2005  | Reg. No. | 41,526 |

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

|                       |   |      |            |
|-----------------------|---|------|------------|
| Signature             |  |      |            |
| Typed or printed name | Cindy Lin   | Date | 11/27/2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**RECEIVED  
CENTRAL FAX CENTER**

NOV 27 2005

PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no burdens are required to respond to a collection of information unless it displays a valid OMB control number.

*Effective on 12/08/2004.**Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).*

## **FEE TRANSMITTAL For FY 2005**

Applicant claims small entity status. Sec 37 CFR 1.27

|                                |           |
|--------------------------------|-----------|
| <b>TOTAL AMOUNT OF PAYMENT</b> | (\$ 0.00) |
|--------------------------------|-----------|

**Complete If Known**

|                      |                        |
|----------------------|------------------------|
| Application Number   | 10/709,994             |
| Filing Date          | 06/11/2004             |
| First Named Inventor | Sam Shiaw-Shiang Jiang |
| Examiner Name        | PHAM, CHI H            |
| Art Unit             | 2667                   |
| Attorney Docket No.  | ASTP0040USA            |

**METHOD OF PAYMENT** (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: **50-3105** Deposit Account Name: North America Intellectual Property Corp.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17  Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| <u>Application Type</u> | <u>FILING FEES</u> |                              | <u>SEARCH FEES</u> |                              | <u>EXAMINATION FEES</u> |                              | <u>Fees Paid (\$)</u> |
|-------------------------|--------------------|------------------------------|--------------------|------------------------------|-------------------------|------------------------------|-----------------------|
|                         | <u>Fee (\$)</u>    | <u>Small Entity Fee (\$)</u> | <u>Fee (\$)</u>    | <u>Small Entity Fee (\$)</u> | <u>Fee (\$)</u>         | <u>Small Entity Fee (\$)</u> |                       |
| Utility                 | 300                | 150                          | 500                | 250                          | 200                     | 100                          | _____                 |
| Design                  | 200                | 100                          | 100                | 50                           | 130                     | 65                           | _____                 |
| Plant                   | 200                | 100                          | 300                | 150                          | 160                     | 80                           | _____                 |
| Reissue                 | 300                | 150                          | 500                | 250                          | 600                     | 300                          | _____                 |
| Provisional             | 200                | 100                          | 0                  | 0                            | 0                       | 0                            | _____                 |

**2. EXCESS CLAIM FEES**Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

50 25

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

200 100

Multiple dependent claims

360 180

| <u>Total Claims</u>  | <u>Extra Claims</u>  | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Multiple Dependent Claims</u> |                      | <u>Fee (\$)</u> | <u>Small Entity Fee (\$)</u> |
|----------------------|--|-----------------|----------------------|----------------------------------|----------------------|-----------------|------------------------------|
|                      | <u>- 20 or HP =</u>  | <u>x</u>        | <u>=</u>             | <u>Fee (\$)</u>                  | <u>Fee Paid (\$)</u> |                 |                              |
|                      | HP = highest number of total claims paid for, if greater than 20 |                 |                      |                                  |                      |                 |                              |
| <u>Indep. Claims</u> | <u>Extra Claims</u>  | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |                                  |                      |                 |                              |

- 3 or HP = x = HP = highest number of independent claims paid for, if greater than 3

| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u>                       | <u>Fee Paid (\$)</u> | <u>Fees Paid (\$)</u> |
|---------------------|---------------------|---|---------------------------------------|----------------------|-----------------------|
|                     | <u>- 100 =</u>      | <u>/ 50 =</u>   | <u>(round up to a whole number) x</u> | <u>=</u>             |                       |
|                     |                     |   |                                       |                      |                       |

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(y).

| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Fees Paid (\$)</u> |
|---------------------|---------------------|---|-----------------|----------------------|-----------------------|
| <u>- 100 =</u>      | <u>/ 50 =</u>       | <u>(round up to a whole number) x</u>                   | <u>=</u>        | <u>=</u>             |                       |
|                     |                     |   |                 |                      |                       |

**4. OTHER FEE(S)**

Non-English Specification. \$130 fee (no small entity discount)

Other: submission of Information Disclosure Statement

0.00

**SUBMITTED BY**

|                   |                    |                                      |        |           |              |
|-------------------|--------------------|--------------------------------------|--------|-----------|--------------|
| Signature         | <i>Winston Hsu</i> | Registration No.<br>(Attorney/Agent) | 41,526 | Telephone | 302-729-1562 |
| Name (Print/Type) | Winston Hsu        |                                      |        | Date      | 11/27/2005   |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

Approved for use through 07/15/2006. GPO: 2004-090.

**U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE**

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

|  |   |                          |                        |
|--|---|--------------------------|------------------------|
| Substitute for form 1449/PTO   |   | <i>Complete If Known</i> |                        |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i> |   | Application Number       | 10/709,994             |
|  |   | Filing Date              | 06/11/2004             |
|  |   | First Named Inventor     | Sam Shiaw-Shiang Jiang |
|  |   | Art Unit                 | 2667                   |
|  |   | Examiner Name            | PHAM, CHI H            |
| Sheet  | 1 | of                       | 2                      |
|  |   | Attorney Docket Number   | ASTP0040USA            |

**U. S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

|   |   |                        |                        |
|---|---|------------------------|------------------------|
| <p style="text-align: center;"><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p> |   | Complete if Known      |                        |
|   |   | Application Number     | 10/709,994             |
|   |   | Filing Date            | 06/11/2004             |
|   |   | First Named Inventor   | Sam Shiaw-Shiang Jiang |
|   |   | Art Unit               | 2667                   |
|   |   | Examiner Name          | PHAM, CHI H            |
| Sheet   | 2 | of                     | 2                      |
|   |   | Attorney Docket Number |                        |
|   |   | ASTP0040USA            |                        |

## NON-PATENT LITERATURE DOCUMENTS

|                               |  |                            |  |
|-------------------------------|--|----------------------------|--|
| <b>Examiner<br/>Signature</b> |  | <b>Date<br/>Considered</b> |  |
|-------------------------------|--|----------------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:  
**Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

RECEIVED  
CENTRAL FAX CENTER

NOV 27 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Sam Shiaw-Shiang Jiang.

5 Appl. No.: 10/709,994

Filing Date: 06/11/2004

Examiner: PHAM, CHI H

Art Unit: 2667

Docket No.: ASTP0040USA

10 Confirmation No. 3993

Title: METHOD OF CONTROLLING A RECEIVER AND A TRANSMITTER  
IN A WIRELESS COMMUNICATION SYSTEM TO HANDLE A  
TRANSMISSION WINDOW SIZE CHANGE PROCEDURE

15

To: Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

20 Subject: Information disclosure statement under 37  
CFR §1.56

Dear Sir,

25 This is an Information Disclosure Statement in  
accordance with the duty to disclose information  
material to patentability under 37 CFR §1.56. The  
applicant wishes to make of record the documents listed  
on the accompanying form PTO/SB/08.

30

All items of information contained in this IDS were  
disclosed by the inventors. Since this IDS is filed before

the mailing date of the first Office action,  
consideration of the information disclosure statement is  
hereby requested according to 37 CFR §1.97(b).

That no item of information contained in the information  
5 disclosure statement was cited in a communication from a  
foreign patent office in a counterpart foreign application,  
and, to the knowledge of the person signing the certification  
after making reasonable inquiry, no item of information  
contained in the information disclosure statement was known  
10 to any individual designated in § 1.56(c) more than three  
months prior to the filing of the information disclosure  
statement.

According to the requirement set forth in 37 CFR  
15 §1.98, a copy of the cited PCT reference WO 99/59299 and its  
English language abstract is included to fulfill the concise  
explanation requirement.

It is respectfully requested that the examiner can consider  
20 the document(s) listed on the accompanying form PTO/SB/08 and  
that it be made of record in the application. The applicants  
sincerely hope that the examiner initials the cited  
reference(s) on the form and that a copy of the initialed form  
be sent to the applicants with the next communication from  
25 the examiner.

Respectfully submitted,

*Winston Hsu*

Date: November 27, 2005

5 Winston Hsu, Patent Agent No. 41,526  
P.O. BOX 506, Merrifield, VA 22116, U.S.A.  
Voice Mail: 302-729-1562  
Facsimile: 806-498-6673  
e-mail : [winstonhsu@naipo.com](mailto:winstonhsu@naipo.com)

10

Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 13 hours behind the Taiwan time, i.e. 9 AM in D.C. = 10 PM in Taiwan).